

ABSTRACT

[001] A catalyst carrier having a circular cell honeycomb structure formed from a plurality of cell passages whose inner surfaces are substantially circular and are coated with a catalyst for oxidizing and/or deoxidizing exhaust gas of a vehicle, wherein the circular-cross-section cells are integrally formed with the catalyst carrier by extrusion. The catalyst carrier allows the catalyst layer to be uniformly coated on the inner surface of the cell while reducing the amount of catalyst consisting of precious metals, and the cell-density can be increased by minimizing the height between the centers of the cells vertically disposed.